

X-ible

Flexure joints

SNAPstop™

Plantar flexion stop



Quality for life



The 17AF10 X-ible joint is a self-aligning, flexible joint featuring a free-motion or dorsal-assist function. By offering different versions, the 17AF10 can be adapted to the user's individual needs. The lightweight, flat design makes the 17AF10 particularly attractive and the fabrication of thermoplastic orthoses especially efficient. The SNAPstop plantar flexion stop is durable and quiet, and offers maximum flexibility.

X-ible + SNAPstop

- A winning combination for a lightweight, durable orthosis
- Available in adult and pediatric sizes

It's so fle(X-ible)!


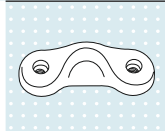
X-ible joints are small, lightweight, and flexible made for use with thermoformable and thermoset materials. This kind of joint is most commonly used as an ankle joint, but can also be used as a knee, elbow, or wrist joint. X-ible joints are available with two different functions. The straight is free-motion while the pre-flexed provide dorsal-assist.

Benefits

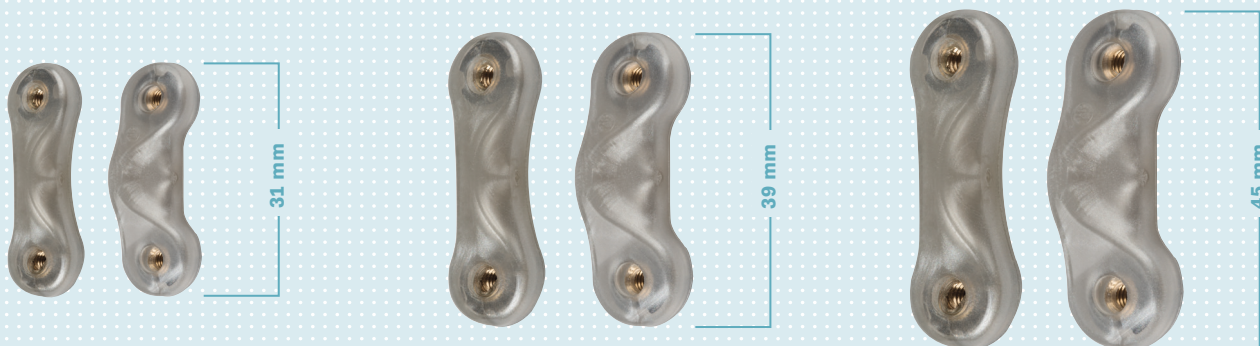
- No pre-assembling needed – X-ible joints are ready for use after unpacking
- Free motion or dorsal assist function
- No extra tooling – Torx key is all you need
- Pediatric and adult sizes
- Winning combination with SNAPstop, the interchangeable plantar flexion stop system
- Scope of delivery includes fabrication dummies

Indications

- Dorsiflexion weakness
- Valgus/varus deformities
- ML instabilities

Figure		
Function	17AF10 X-ible Free Motion	17AF10 X-ible Dorsal Assist
Stabilization in frontal plane	•	•
Motion control of the ankle	•	•
With additional plantar stop (SNAPstop) reduction of knee hyperextension is possible	•	•
Dorsiflexion assist	–	•

Both X-ible variations are available in three sizes: small, medium, and large.





The pre-flexed X-ible joints are available with three levels of assistance marked by three different bushing colors:



Light
75 durometer*
White bushing



Medium
85 durometer*
Black bushing



Strong
95 durometer*
Red bushing

* Durometer is used as a measure of hardness in polymers, elastomers, and rubbers.



Function	Article number	Description	Size	Level of assistance
X-ible Free-motion	17AF10=S	Free-motion joint	S	
	17AF10=M	Free-motion joint	M	
	17AF10=L	Free-motion joint	L	
X-ible Dorsal-assist	17AF10=S-DA-LT	Dorsal-assist	S	Light
	17AF10=S-DA-MD	Dorsal-assist	S	Medium
	17AF10=S-DA-ST	Dorsal-assist	S	Strong
	17AF10=M-DA-LT	Dorsal-assist	M	Light
	17AF10=M-DA-MD	Dorsal-assist	M	Medium
	17AF10=M-DA-ST	Dorsal-assist	M	Strong
	17AF10=L-DA-LT	Dorsal-assist	L	Light
	17AF10=L-DA-MD	Dorsal-assist	L	Medium
	17AF10=L-DA-ST	Dorsal-assist	L	Strong

SNAPstop

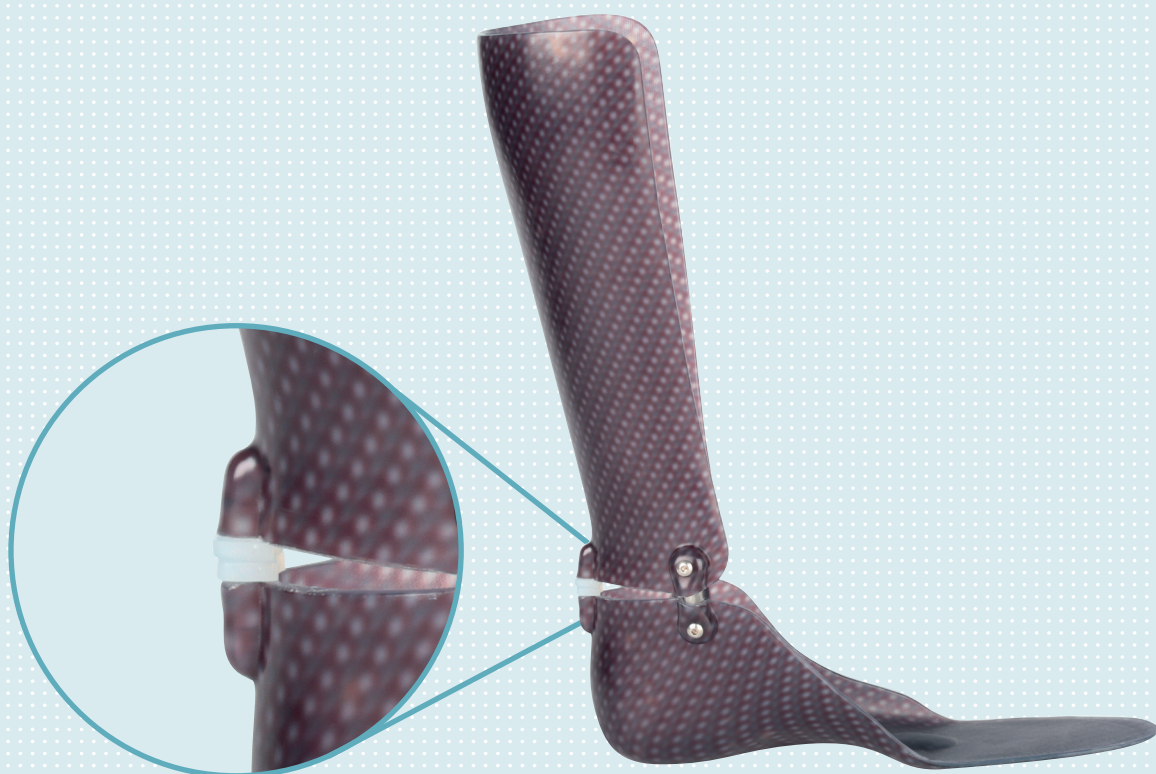
Interchangeable plantar flexion stop

Interchangeable plantar flexion stop feature

The SNAPstop plantar flexion stop feature lets you make on-the-spot changes to sagittal alignment. No more glues and screws. The SNAPstop includes a molding blank and interchangeable bumpers. From either the top or the bottom, simply snap in the bumper that delivers the exact sagittal alignment you want.

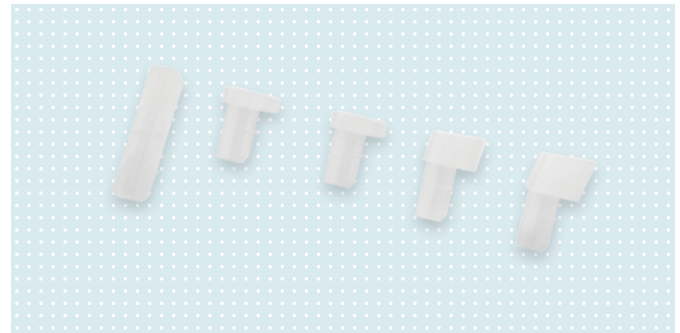
Benefits

- The SNAPstop feature offers maximum flexibility and adjustability. Adjustments are simple – just snap the stop into place.
- The SNAPstop components are durable and can even outlast the ankle joint, reducing rework and eliminating failures.
- This incredibly quiet feature is also built with the lowest profile – a feature your patients will love.

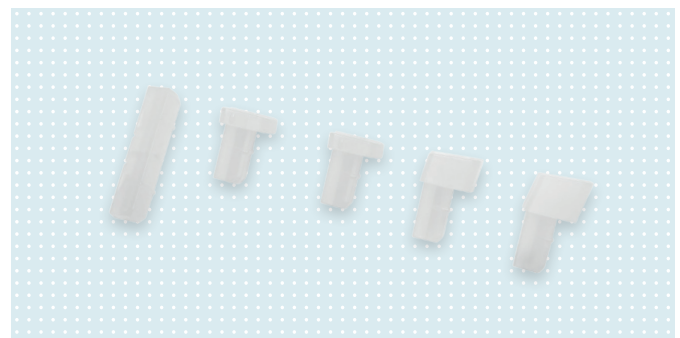


Sets and Kits

17S1=A-P1	One adult molding blank, one adult plantar flexion 1 bumper (3.5 mm bumper positions AFO in plantar flexion from model)
17S1=A-N	One adult molding blank, one adult neutral bumper (5.5 mm bumper positions AFO in same alignment as model)
17S1=A-D1	One adult molding blank, one adult dorsiflexion 1 bumper (7.0 mm bumper positions AFO into dorsiflexion from model)
17S1=A-D2	One adult molding blank, one adult dorsiflexion 2 bumper (9.0 mm bumper positions AFO into dorsiflexion from model)
17S1=P-P1	One pediatric molding blank, one pediatric plantar flexion 1 bumper (3.5 mm bumper positions AFO in plantar flexion from model)
17S1=P-N	One pediatric molding blank, one pediatric neutral bumper (5.5 mm bumper positions AFO in same alignment as model)
17S1=P-D1	One pediatric molding blank, one dorsiflexion 1 bumper (7.0 mm bumper positions AFO into dorsiflexion from model)
17S1=P-D2	One pediatric molding blank, one dorsiflexion 2 bumper (9.0 mm bumper positions AFO into dorsiflexion from model)
17S1=A-KIT	Adult Kit consists of sixteen molding blanks: four plantar flexion 1, four neutral, four dorsiflexion 1, four dorsiflexion 2
17S1=P-KIT	Pediatric Kit consists of sixteen molding blanks: four plantar flexion 1, four neutral, four dorsiflexion 1, four dorsiflexion 2, one motion eliminator, one reverse



17S1=A KIT



17S1=P KIT

Individual Parts

17S2=A-D1	One adult dorsiflexion 1 bumper
17S2=A-D2	One adult dorsiflexion 2 bumper
17S2=A-MB	One adult molding blank
17S2=A-N	One adult neutral bumper
17S2=A-P1	One adult plantar flexion 1 bumper
17S2=P-D1	One pediatric dorsiflexion 1 bumper
17S2=P-D2	One pediatric dorsiflexion 2 bumper
17S2=P-MB	One pediatric molding blank
17S2=P-ME	One pediatric motion eliminator
17S2=P-N	One pediatric neutral bumper
17S2=P-P1	One pediatric plantar flexion 1 bumper
17S2=P-R	One pediatric reverse

